

## ABSTRACT

A method for producing lithium ion secondary batteries includes the steps of: (A) preparing an electrode sheet with lead-forming parts, (B) intermittently forming porous insulating layers containing an inorganic oxide filler and a binder on a surface of the electrode sheet excluding the lead-forming parts, (C) connecting a lead to each of the lead-forming parts, and (D) fabricating batteries by using the electrode sheet to which the leads are connected. The step B includes: the step of applying a slurry containing the inorganic oxide filler and the binder to the outer surface of a gravure roll, and transferring the slurry applied to the outer surface of the gravure roll on a surface of the electrode sheet that is being transported by a plurality of guide rolls excluding the lead-forming part; and the step of moving at least one selected from the gravure roll and the guide rolls to make the electrode sheet away from the gravure roll in the lead-forming part.